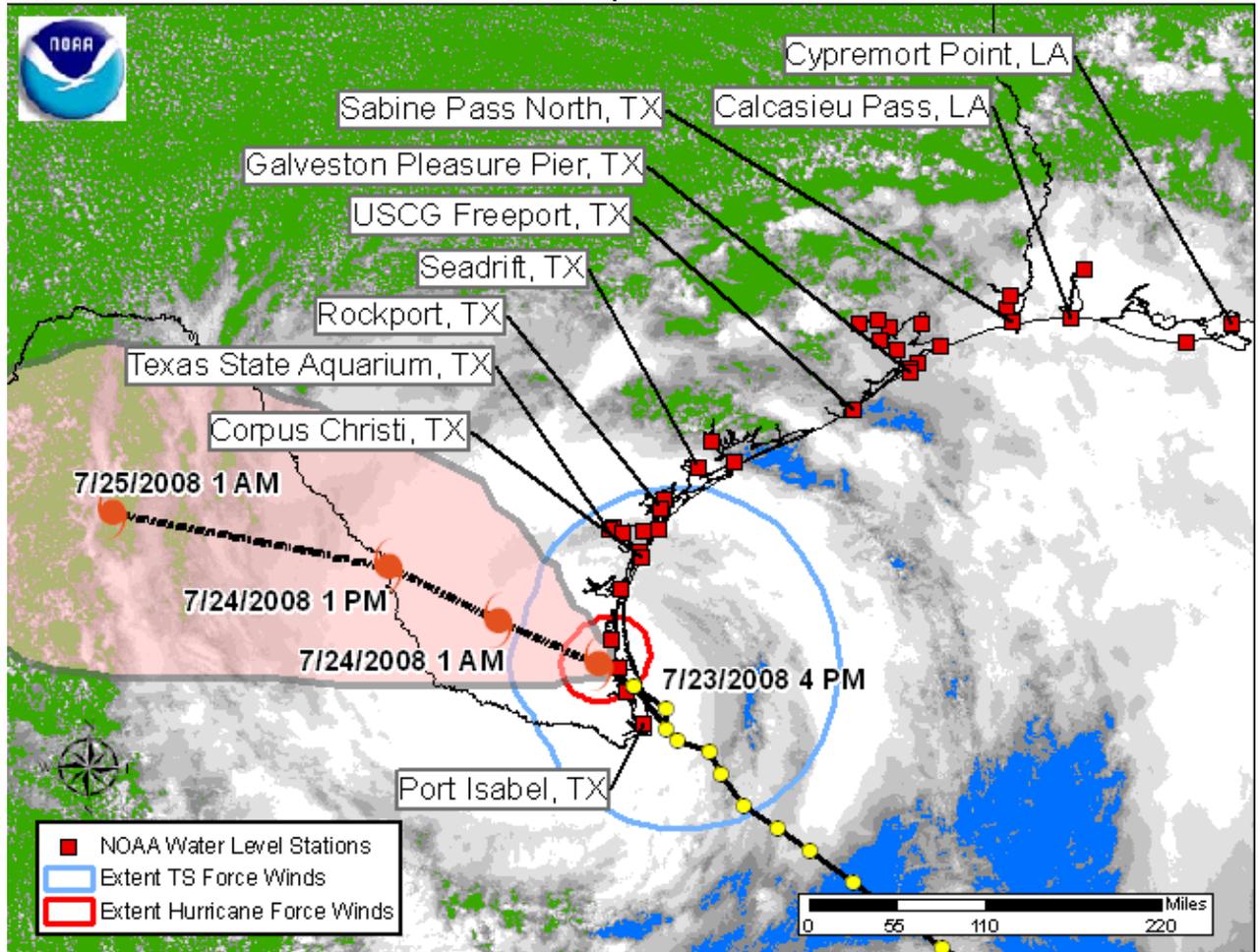


Hurricane DOLLY QuickLook  
Posted: 18:00 CDT 07/23/2008

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

As of 07/23/2008 18:00 CDT, at Port Isabel water levels have significantly fallen and are below predicted since DOLLY has moved inland. Water levels north of landfall location, from Texas to west Louisiana still remain elevated from 1 to 3 feet above predicted. Barometric pressure continues to fall at Corpus Christi and Rockport, TX.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Port Isabel, TX: Next predicted high tide is 0.70 ft (0.21 m) on 07/23/2008 at 19:56 CDT.

Corpus Christi, TX: Next predicted high tide is 0.90 ft (0.27 m) on 07/23/2008 at 18:45 CDT.

**Texas State Aquarium, TX: Next predicted high tide is 0.18 ft (0.05 m) on 07/24/2008 at 00:09 CDT.**

**Rockport, TX: Next predicted high tide is 0.15 ft (0.05 m) on 07/24/2008 at 09:18 CDT.**

**Seadrift, TX: Next predicted high tide is 0.12 ft (0.04 m) on 07/24/2008 at 02:24 CDT.**

**USCG Freeport, TX: Next predicted high tide is 1.00 ft (0.30 m) on 07/23/2008 at 19:22 CDT.**

**Galveston Pleasure Pier, TX: Next predicted high tide is 1.1 ft (0.34 m) on 07/23/2008 at 19:55 CDT.**

**Sabine Pass North: Next predicted high tide is 1.20 ft (0.37 m) on 07/23/2008 at 19:35 CDT.**

**Calcasieu Pass, LA: Next predicted high tide is 1.60 ft (0.49 m) on 07/23/2008 at 18:21 CDT.**

**Cypremort Point, LA: Next predicted high tide is 1.10 ft (0.34 m) on 07/23/2008 at 21:57 CDT.**

**For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.**

**Analyst: KG**

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**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**HURRICANE DOLLY ADVISORY NUMBER 14  
...DOLLY CONTINUES TO WEAKEN AS IT MOVES FARTHER INLAND...**

**A HURRICANE WARNING REMAINS IN EFFECT FOR THE COAST OF TEXAS FROM BROWNSVILLE TO JUST SOUTH OF BAFFIN BAY...AND FOR THE NORTHEASTERN COAST OF MEXICO FROM RIO SAN FERNANDO NORTHWARD TO THE BORDER BETWEEN MEXICO AND THE UNITED STATES. PREPARATIONS TO PROTECT LIFE AND PROPERTY SHOULD HAVE BEEN COMPLETED.**

**AT 4 PM CDT...2100 UTC...THE HURRICANE WARNING FROM BAFFIN BAY NORTHWARD TO CORPUS CHRISTI HAS BEEN REPLACED BY A TROPICAL STORM WARNING. A TROPICAL STORM WARNING REMAINS IN EFFECT FROM BAFFIN BAY TO PORT O'CONNOR.**

**AT 4 PM CDT...2100 UTC...THE TROPICAL STORM WARNING AND HURRICANE WATCH FROM LA PESCA TO SOUTH OF RIO SAN FERNANDO HAVE BEEN DISCONTINUED.**

**AT 400 PM CDT THE EYE OF HURRICANE DOLLY WAS LOCATED ABOUT 50 MILES NORTH OF BROWNSVILLE TEXAS.**

**DOLLY IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH. A GRADUAL TURN TO THE WEST-NORTHWEST AND WEST IS EXPECTED DURING THE NEXT DAY OR SO. THIS WILL**

**BRING DOLLY FARTHER INLAND OVER SOUTHER TEXAS.**

**MAXIMUM SUSTAINED WINDS HAVE DECREASED TO NEAR 85 MPH WITH HIGHER GUSTS. DOLLY IS A CATEGORY ONE HURRICANE ON THE SAFFIR-SIMPSON SCALE. FURTHER WEAKENING IS FORECAST DURING THE NEXT 24 HOURS.**

**HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 35 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 140 MILES.**

**ESTIMATED MINIMUM CENTRAL PRESSURE IS 970 MB.**

**DOLLY IS EXPECTED TO PRODUCE TOTAL RAINFALL ACCUMULATIONS OF 8 TO 12 INCHES WITH ISOLATED AMOUNTS OF 20 INCHES OVER PORTIONS OF SOUTH TEXAS AND NORTHEASTERN MEXICO OVER THE NEXT FEW DAYS. THESE RAINS WILL LIKELY CAUSE WIDESPREAD FLOODING ACROSS PORTIONS OF SOUTH TEXAS AND NORTHEAST MEXICO.**

**COASTAL STORM SURGE FLOODING UP TO 6 TO 8 FEET ABOVE NORMAL TIDE LEVELS ALONG WITH LARGE AND DANGEROUS BATTERING WAVES WILL CONTINUE FOR THE NEXT FEW HOURS IN AREAS OF ONSHORE FLOW BUT WILL SUBSIDE LATER TONIGHT.**

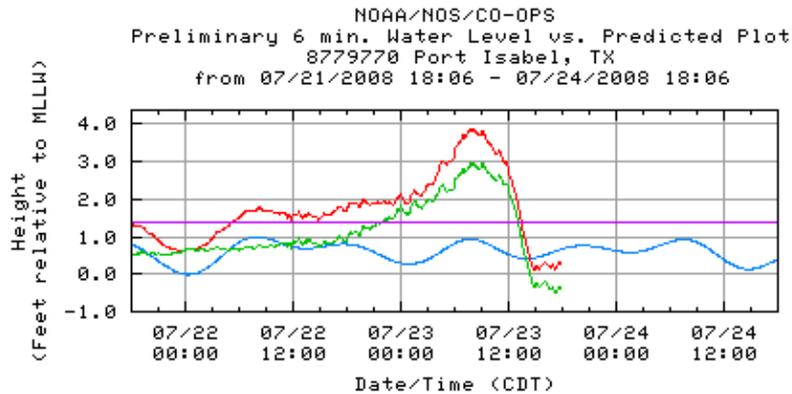
**ISOLATED TORNADOES ARE POSSIBLE OVER PORTIONS OF SOUTH TEXAS TODAY AND TONIGHT.**

**FORECASTER AVILA**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port Isabel - Water Level](#), [Port Isabel - Air/Water Temp](#), [Port Isabel - Winds](#), [Port Isabel - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Air/Water Temp](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Texas State Aquarium - Water Level](#), [Rockport - Water Level](#), [Rockport - Air/Water Temp](#), [Rockport - Winds](#), [Rockport - Barometric](#), [Seadrift - Water Level](#), [USCG Freeport - Water Level](#), [USCG Freeport - Air/Water Temp](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Air/Water Temp](#), [Galveston Pleasure Pier - Winds](#), [Galveston Pleasure Pier - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Air/Water Temp](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Cypremort Point - Water Level](#),

**Port Isabel, TX - Station Map** [Return to List](#)



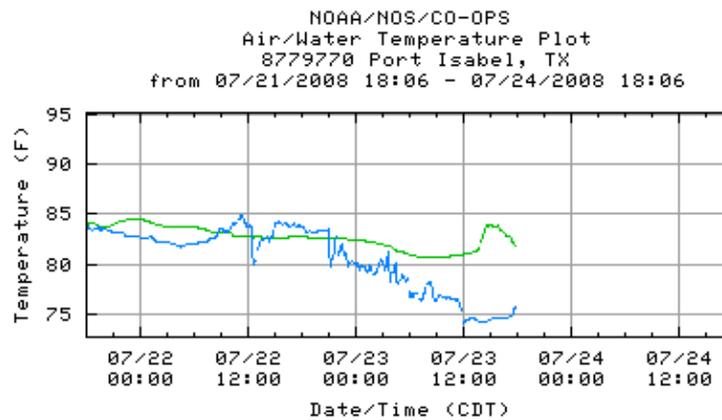
Predicted WL ——— (Obs-Pred) ———  
Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 17:54 (CDT)

Relative to **MLLW**: **Observed: 0.33 ft. Predicted: 0.67 ft. Residual: -0.34 ft.**

Historical Maximum Water Level: 08/09/1980, 5.67 ft. above **MHHW**

**Port Isabel, TX - Station Map** [Return to List](#)



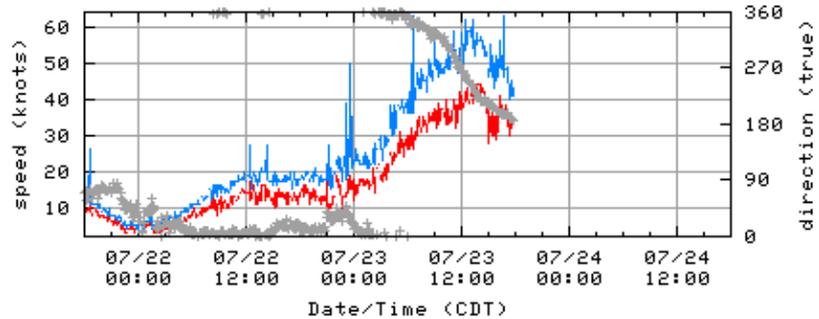
water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 17:54 (CDT)

**Water Temperature: 81.9° F Air Temperature: 75.7° F**

**Port Isabel, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8779770 Port Isabel, TX  
from 07/21/2008 18:06 - 07/24/2008 18:06



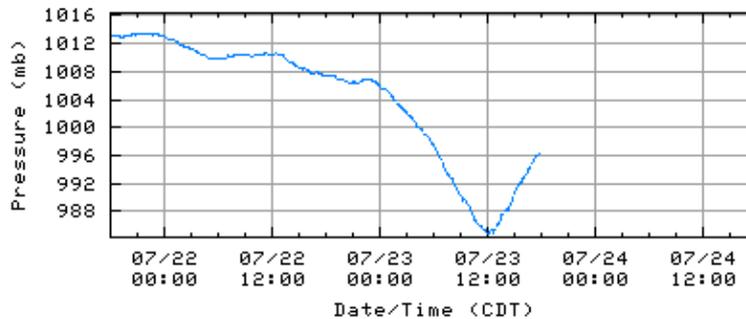
speed — gusts — direction +

Last Observed Sample: 07/23/2008 17:54 (CDT)

Wind Speed: 34 knots Gusts: 43 knots Direction: 186° T

**Port Isabel, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8779770 Port Isabel, TX  
from 07/21/2008 18:06 - 07/24/2008 18:06

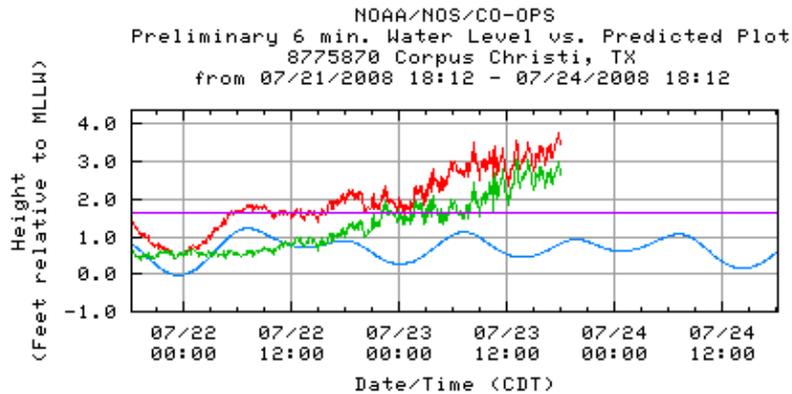


barometric pressure —

Last Observed Sample: 07/23/2008 17:54 (CDT)

Barometric Pressure: 996.4 mb

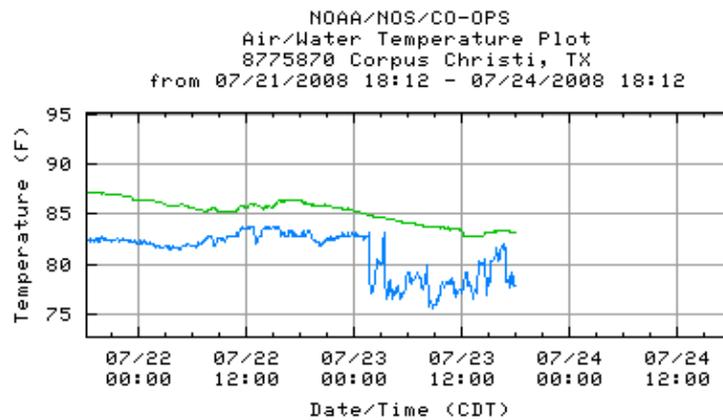
**Corpus Christi, TX - Station Map** [Return to List](#)



Predicted WL ——— (Obs-Pred) ———  
 Observed WL ——— MHHW ———

Last Observed Sample: 07/23/2008 18:00 (CDT)  
 Relative to **MLLW**: **Observed: 3.54 ft. Predicted: 0.82 ft. Residual: 2.72 ft.**  
 Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

**Corpus Christi, TX - Station Map** [Return to List](#)

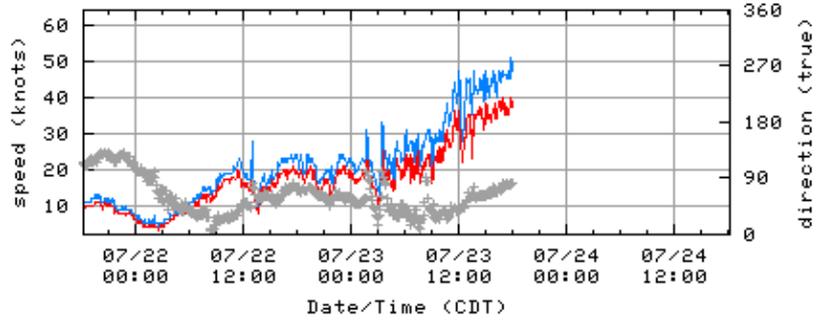


water temp. ——— air temp ———

Last Observed Sample: 07/23/2008 18:00 (CDT)  
**Water Temperature: 83.1° F Air Temperature: 77.9° F**

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8775870 Corpus Christi, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12



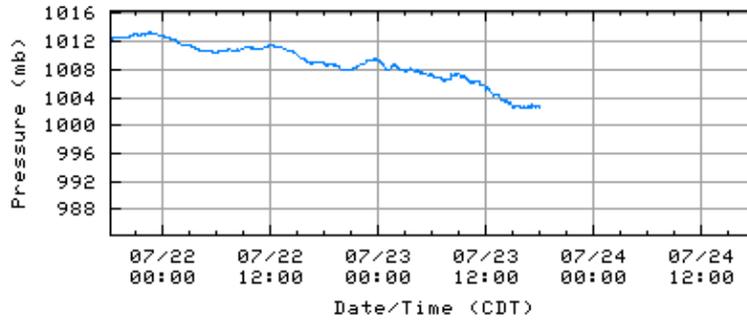
speed — gusts — direction +

Last Observed Sample: 07/23/2008 18:00 (CDT)

Wind Speed: 37 knots Gusts: 47 knots Direction: 083° T

**Corpus Christi, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8775870 Corpus Christi, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12

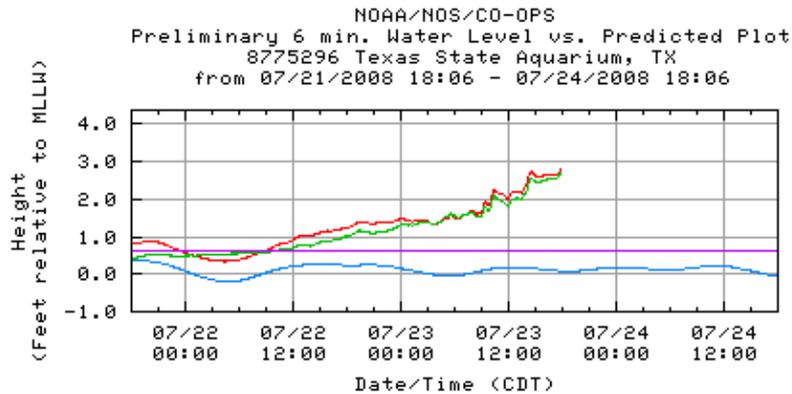


barometric pressure —

Last Observed Sample: 07/23/2008 18:00 (CDT)

Barometric Pressure: 1002.6 mb

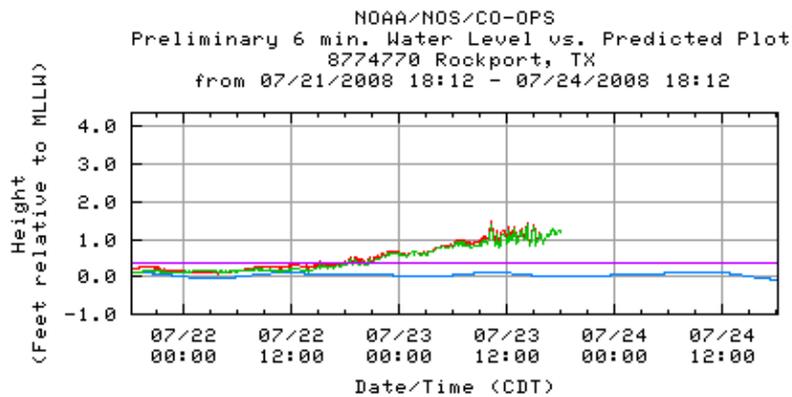
**Texas State Aquarium, TX - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/23/2008 17:54 (CDT)  
Relative to **MLLW**: **Observed: 2.78 ft. Predicted: 0.09 ft. Residual: 2.69 ft.**  
Historical Maximum Water Level: n/a

**Rockport, TX - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/23/2008 18:00 (CDT)  
Relative to **MLLW**: **Observed: 1.18 ft. Predicted: -0.00 ft. Residual: 1.18 ft.**  
Historical Maximum Water Level: n/a

**Rockport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Air/Water Temperature Plot  
8774770 Rockport, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12



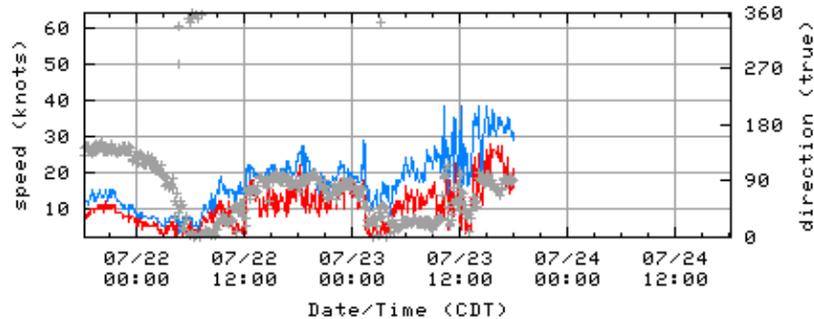
water temp. — air temp. —

Last Observed Sample: 07/23/2008 18:00 (CDT)

Water Temperature: 84.2° F Air Temperature: 80.6° F

**Rockport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8774770 Rockport, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12

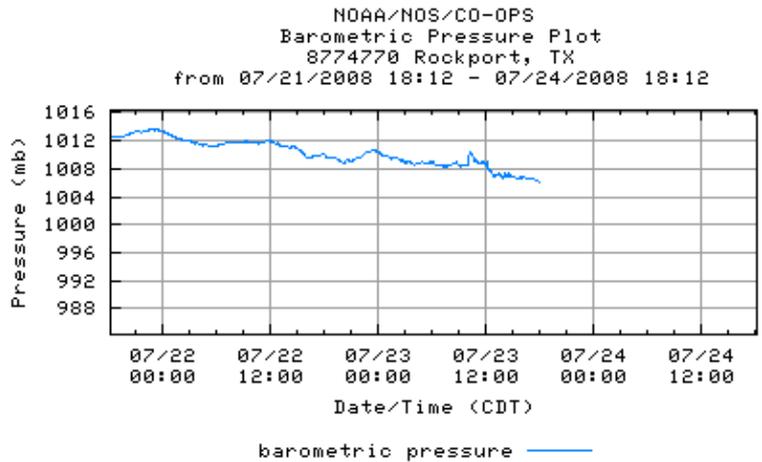


speed — gusts — direction +

Last Observed Sample: 07/23/2008 18:00 (CDT)

Wind Speed: 21 knots Gusts: 31 knots Direction: 093° T

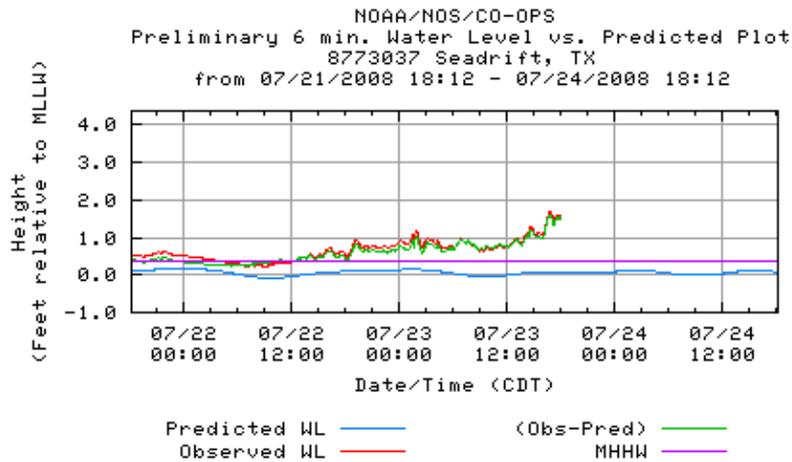
**Rockport, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 18:00 (CDT)

Barometric Pressure: 1006.0 mb

**Seadrift, TX - Station Map** [Return to List](#)

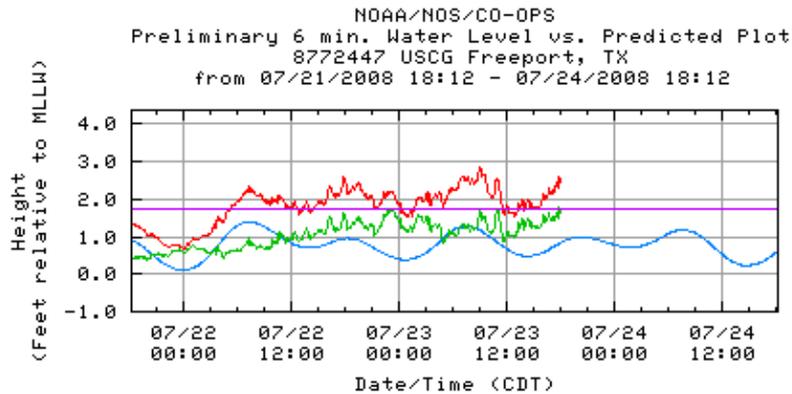


Last Observed Sample: 07/23/2008 18:00 (CDT)

Relative to **MLLW**: Observed: 1.57 ft. Predicted: 0.08 ft. Residual: 1.49 ft.

Historical Maximum Water Level: n/a

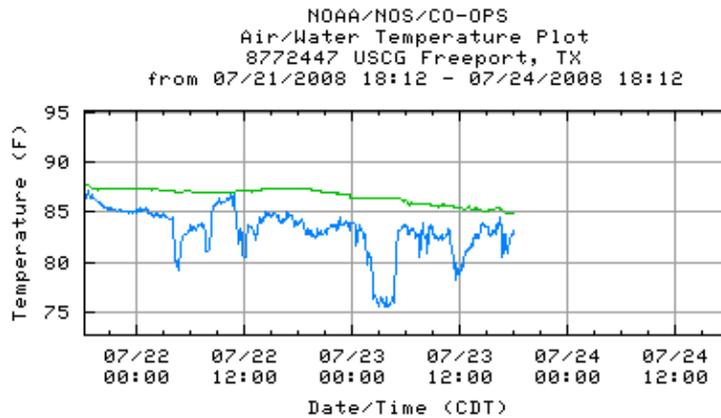
**USCG Freeport, TX - Station Map** [Return to List](#)



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 07/23/2008 18:00 (CDT)  
 Relative to **MLLW**: **Observed: 2.47 ft. Predicted: 0.85 ft. Residual: 1.62 ft.**  
 Historical Maximum Water Level: n/a

**USCG Freeport, TX - Station Map** [Return to List](#)

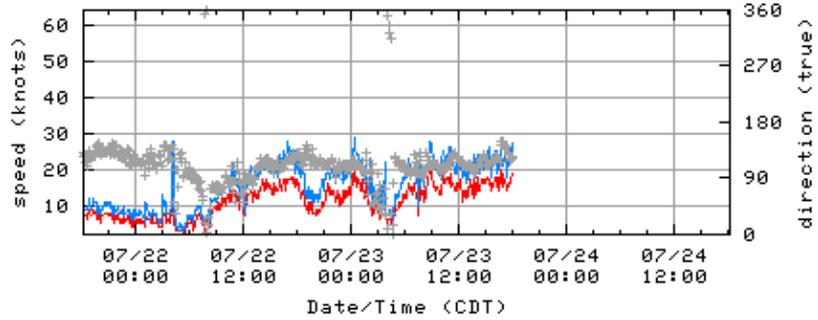


water temp. — air temp. —

Last Observed Sample: 07/23/2008 18:00 (CDT)  
**Water Temperature: 84.9° F Air Temperature: 83.1° F**

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8772447 USCG Freeport, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12



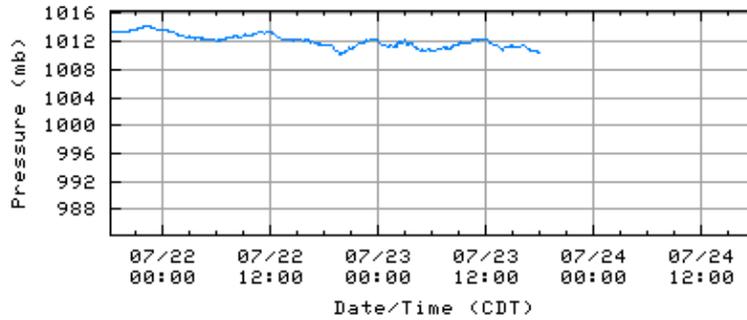
speed — gusts — direction +

Last Observed Sample: 07/23/2008 18:00 (CDT)

Wind Speed: 19 knots Gusts: 25 knots Direction: 124° T

**USCG Freeport, TX - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8772447 USCG Freeport, TX  
from 07/21/2008 18:12 - 07/24/2008 18:12

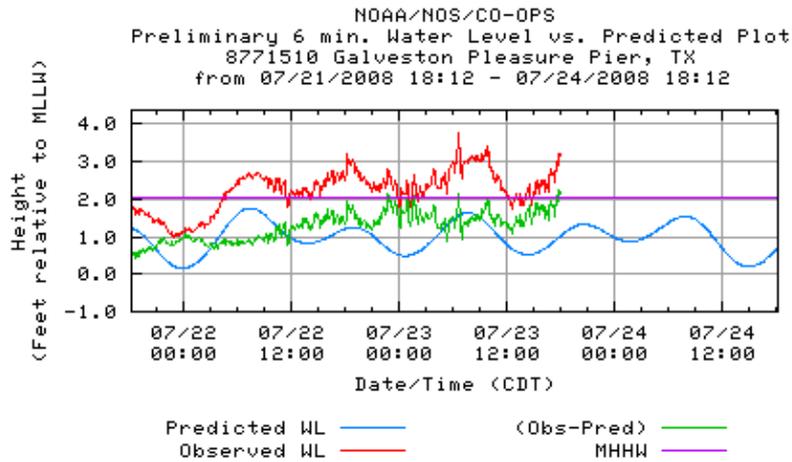


barometric pressure —

Last Observed Sample: 07/23/2008 18:00 (CDT)

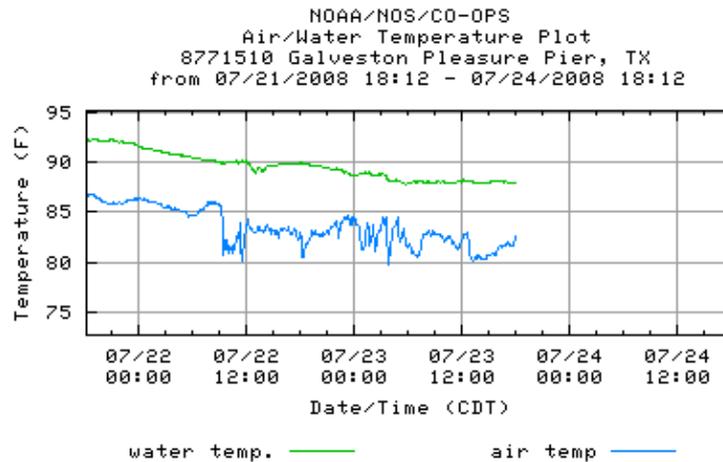
Barometric Pressure: 1010.4 mb

**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



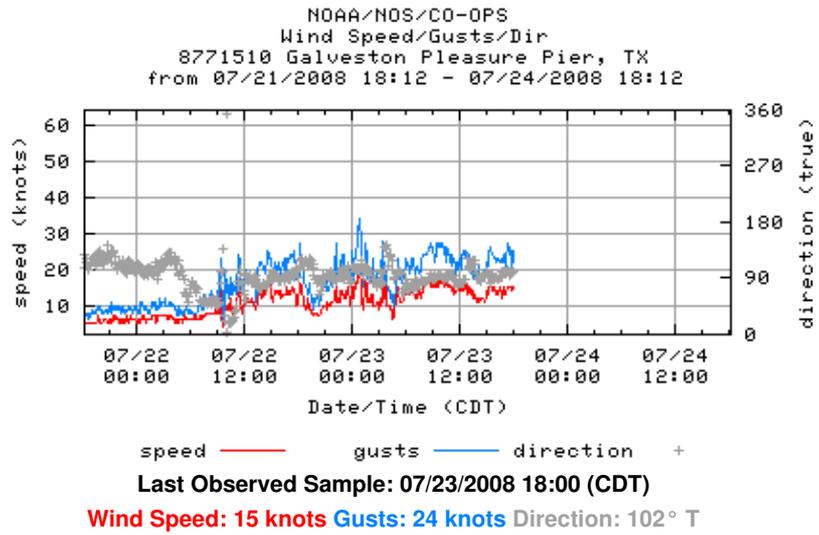
Last Observed Sample: 07/23/2008 18:00 (CDT)  
 Relative to **MLLW**: **Observed: 3.22 ft. Predicted: 1.02 ft. Residual: 2.20 ft.**  
 Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)

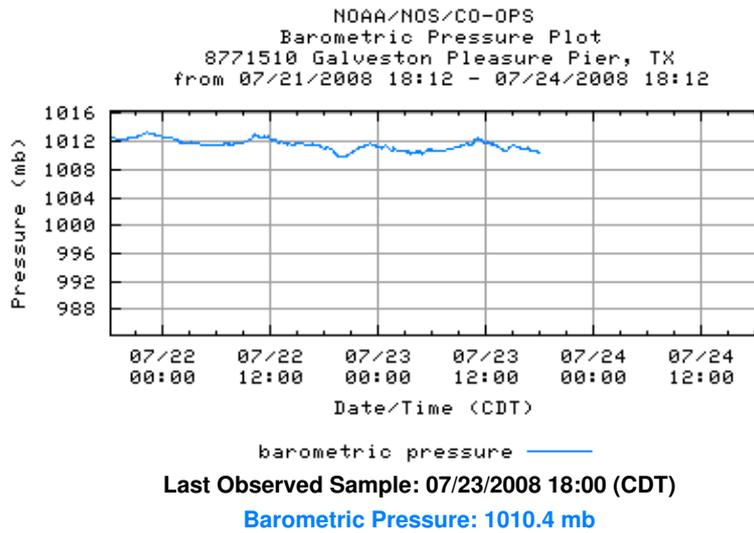


Last Observed Sample: 07/23/2008 18:00 (CDT)  
**Water Temperature: 88.0° F Air Temperature: 82.6° F**

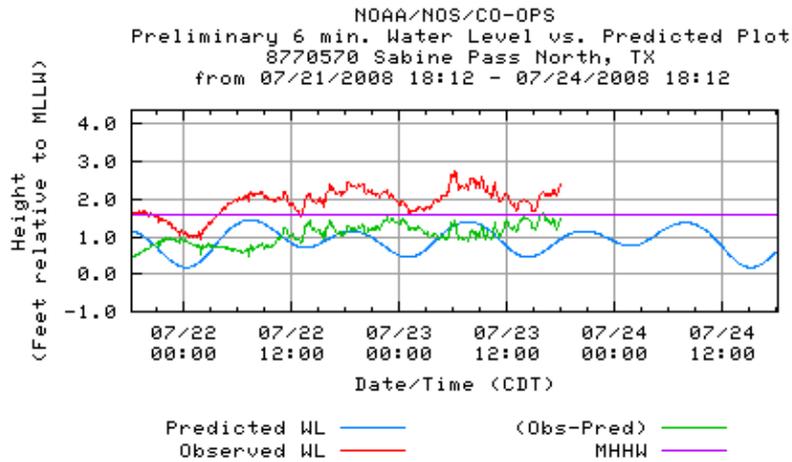
**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)



**Galveston Pleasure Pier, TX - Station Map** [Return to List](#)

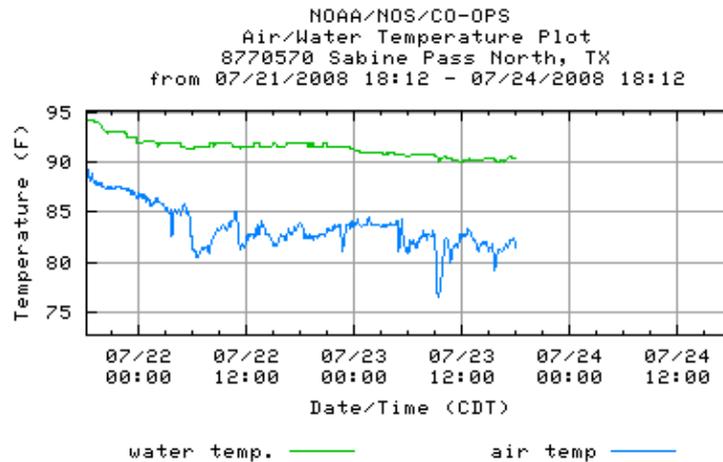


**Sabine Pass North, TX - Station Map** [Return to List](#)



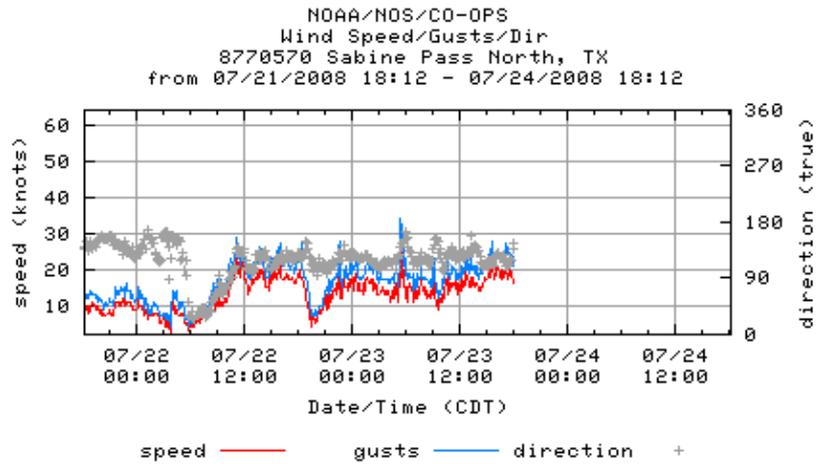
Last Observed Sample: 07/23/2008 18:00 (CDT)  
 Relative to **MLLW**: **Observed: 2.36 ft. Predicted: 0.94 ft. Residual: 1.42 ft.**  
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

**Sabine Pass North, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 18:00 (CDT)  
**Water Temperature: 90.3° F Air Temperature: 81.5° F**

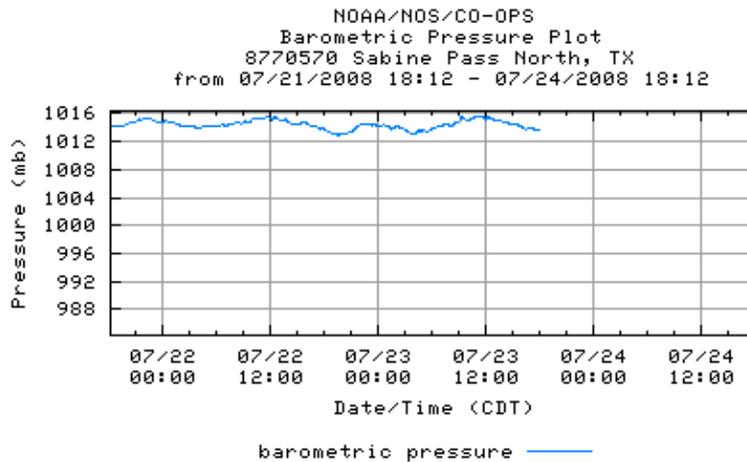
**Sabine Pass North, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 18:00 (CDT)

Wind Speed: 17 knots Gusts: 21 knots Direction: 138° T

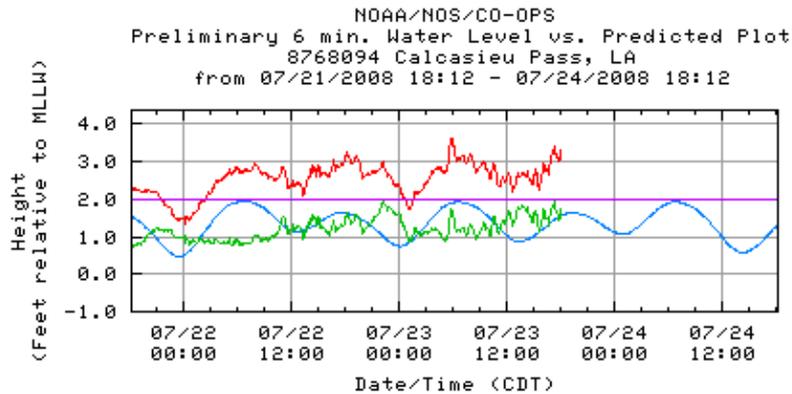
**Sabine Pass North, TX - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 18:00 (CDT)

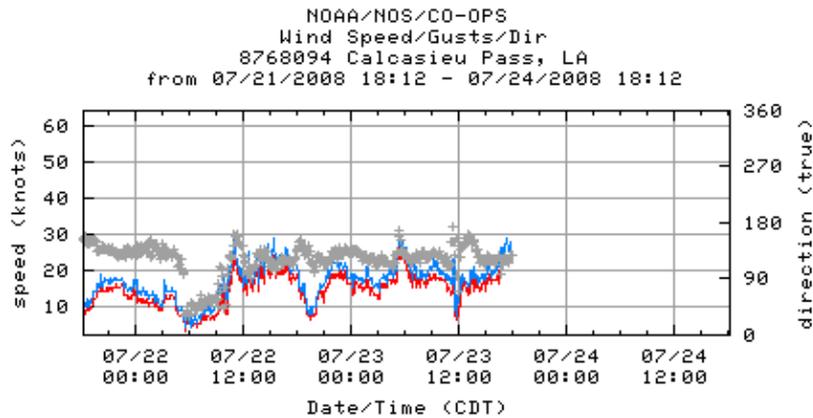
Barometric Pressure: 1013.6 mb

**Calcasieu Pass, LA - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 18:00 (CDT)  
 Relative to **MLLW**: **Observed: 3.31 ft. Predicted: 1.56 ft. Residual: 1.75 ft.**  
 Historical Maximum Water Level: n/a

**Calcasieu Pass, LA - Station Map** [Return to List](#)



Last Observed Sample: 07/23/2008 17:54 (CDT)  
**Wind Speed: 22 knots Gusts: 24 knots Direction: 129° T**

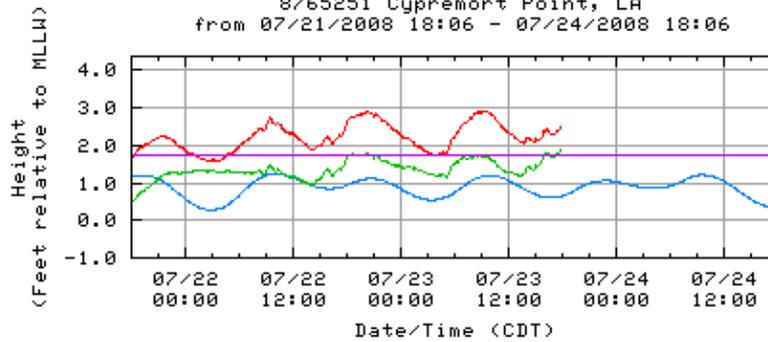
**Calcasieu Pass, LA - Station Map** [Return to List](#)

Last Observed Sample: 07/23/2008 17:54 (CDT)

Barometric Pressure: 1013.8 mb

**Cypremort Point, LA - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Preliminary 6 min. Water Level vs. Predicted Plot  
8765251 Cypremort Point, LA  
from 07/21/2008 18:06 - 07/24/2008 18:06



Predicted WL — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 07/23/2008 17:48 (CDT)

Relative to **MLLW**: **Observed: 2.50 ft.** **Predicted: 0.63 ft.** **Residual: 1.87 ft.**

Historical Maximum Water Level: n/a

**Hurricane DOLLY QuickLook, POSTED 18:00 CDT 07/23/2008**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce